

**EXHIBIT D**

**Environmental Crossing Analysis**

**Dakota Access Environmental Crossing Analysis for Reroute Locations**  
**North Dakota PSC**

**N.D.C.C. § 49-22-16.3 Reroutes**

Filed Route	Centerline length within reroute location (miles)	Length of centerline outside original PSC corridor (miles)	Land Cover Type <sup>1</sup> (acres within workspace)						Wetlands <sup>2</sup> (acres within workspace)	Waterbodies <sup>2</sup> (number of features crossed by centerline)
			Cultivated Crops	Forest	Developed, Open Space	Grasslands/ Herbaceous	Pasture/ Hay	Shrub/ Scrub		
<b>Reroute Location 19</b>										
December 2014	1.21		1.4	0	0.62	17.96	0	0	4.49	1
May 2016	1.24	0.7	5.93	0	0.45	14.5	0	0	1.47	1
<i>Net Difference</i>	+0.03		+4.53	0	-0.17	-3.46	0	0	-3.02	0
<b>Reroute Location 21</b>										
December 2014	3.11		0	3.49	0.38	60.45	0	0	0.04	3
May 2016	3.06	0.52	0	5.61	0.4	45.08	0	0.59	0	3
<i>Net Difference</i>	-0.05		0	+2.12	+0.02	-15.37	0	+0.59	-0.04	0
<b>Reroute Location 23</b>										
December 2014	1.55		29.97	0	1.41	1.87	0	0	0.1	0
May 2016	1.66	1.01	26.83	0	1.03	2.52	0	0	0.52	0
<i>Net Difference</i>	+0.11		-3.14	0	-0.38	+0.65	0	0	+0.42	0
<b>Reroute Location 27</b>										
December 2014	0.51		11.35	0	0.34	0	0	0	0	0
May 2016	0.49	0.23	9.15	0	0.38	0	0	0	0	0
<i>Net Difference</i>	-0.02		-2.2	0	+0.04	0	0	0	0	0
<b>Reroute Location 29</b>										
December 2014	1.75		17.92	0	1.25	13.18	0	0	0.22	0
May 2016	1.63	1.25	17.37	0.09	0.98	10.77	0	0	0.46	1
<i>Net Difference</i>	-0.12		-0.55	+0.09	-0.27	-2.41	0	0	+0.24	+1
<b>Reroute Location 30</b>										
December 2014	2.14		33.64	0	4.41	7.87	0	0	1.38	0
May 2016	1.87	0.98	23.12	0	0.59	11.51	0	0	1.65	0
<i>Net Difference</i>	-0.27		-10.52	0	-3.82	+3.64	0	0	+0.27	0
<b>Reroute Location 32</b>										
December 2014	1.53		18.87	0	0.32	4.54	0	0	2.08	3
May 2016	1.41	1.26	15.95	0	0.34	5.08	0	0	0.04	0
<i>Net Difference</i>	-0.12		-2.92	0	+0.02	+0.54	0	0	-2.04	-3
<b>Reroute Location 33</b>										
December 2014	0.85		13.1	0	1.67	3.64	0	0	0	0
May 2016	0.82	0.69	10.86	0	0.23	1.63	0	0	0	0
<i>Net Difference</i>	-0.03		-2.24	0	-1.44	-2.01	0	0	0	0

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			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 35</b>										
December 2014	0.26		2	0	0	4.1	0	0	0	0
May 2016	0.25	0	2.25	0	0	2.34	0	0	0.17	1
<i>Net Difference</i>	-0.01		+0.25	0	0	-1.76	0	0	+0.17	+1
<b>Reroute Location 37</b>										
December 2014	0.29		2.38	0	0.01	3.83	0	0	0	1
May 2016	0.31	0.1	2.37	0	0.66	2.12	0	0	0	1
<i>Net Difference</i>	+0.02		-0.01	0	+0.65	-1.71	0	0	0	0
<b>Reroute Location 38</b>										
December 2014	0.75		16.32	0	0	0	0	0.55	0.45	0
May 2016	0.75	0.58	0	0	0	14.18	0	0	0	1
<i>Net Difference</i>	0		-16.32	0	0	+14.18	0	-0.55	-0.45	+1
<b>Reroute Location 39</b>										
December 2014	0.67		6.3	0	0.16	4.15	0	0	0.08	0
May 2016	0.65	0	4.04	0	0.38	5.08	0	0	0.15	0
<i>Net Difference</i>	-0.02		-2.26	0	+0.22	+0.93	0	0	+0.07	0
<b>Reroute Location 40</b>										
December 2014	0.41		2.59	0	1.06	1.02	3.76	0	0	1
May 2016	0.41	0.01	3.25	0	0.74	0.53	3.46	0	0	1
<i>Net Difference</i>	0		+0.66	0	-0.32	-0.49	-0.3	0	0	0
<b>Reroute Location 41</b>										
December 2014	0.99		1.65	1.57	0	15.11	0	0.69	0	0
May 2016	1.04	0.46	1.65	2.06	0	14.84	0	0	0	2
<i>Net Difference</i>	+0.05		0	+0.49	0	-0.27	0	-0.69	0	+2
<b>Reroute Location 43</b>										
December 2014	2.12		12.34	0	1.48	21.02	0	3.29	0	0
May 2016	2.09	0.28	13.9	0	1.16	18.52	0	2.38	0	0
<i>Net Difference</i>	-0.03		+1.56	0	-0.32	-2.5	0	-0.91	0	0
<b>Reroute Location 45</b>										
December 2014	1.45		5.58	0	0	25.24	0	0	0.08	1
May 2016	1.46	1.2	11.08	0	0	12.09	0	0	0.02	1
<i>Net Difference</i>	+0.01		+5.5	0	0	-13.15	0	0	-0.06	0

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N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Centerline length within reroute location (miles)	Length of centerline outside original PSC corridor (miles)	Land Cover Type <sup>1</sup> (acres within workspace)						Wetlands <sup>2</sup> (acres within workspace)	Waterbodies <sup>2</sup> (number of features crossed by centerline)
			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 47</b>										
December 2014	0.6		12.95	0	0	2.45	0	0	0	0
May 2016	0.59	0.29	4.1	0	0	5.3	0	0	0	0
<i>Net Difference</i>	-0.01		-8.85	0	0	+2.85	0	0	0	0
<b>Reroute Location 48</b>										
December 2014	0.72		0.77	0	0	4	0	8.25	0	1
May 2016	0.8	0.64	0.69	0	5.83	5.52	0	3.62	0	0
<i>Net Difference</i>	+0.08		-0.08	0	+5.83	+1.52	0	-4.63	0	-1
<b>Reroute Location 49</b>										
December 2014	5.35		8.07	4.7	0	95.02	0	2.38	1.64	4
May 2016	5.39	0.54	8.11	4.89	0.76	85.2	0	1.14	0.65	4
<i>Net Difference</i>	+0.04		+0.04	+0.19	+0.76	-9.82	0	-1.24	-0.99	0
<b>Reroute Location 51</b>										
December 2014	3.87		8.45	2.81	1.61	56.45	10.2	1.19	0.06	1
May 2016	3.94	1.2	7.81	5.37	0.68	64.99	8.46	2.09	0.16	1
<i>Net Difference</i>	+0.07		-0.64	+2.56	-0.93	+8.54	-1.74	+0.9	+0.1	0
<b>Reroute Location 54</b>										
December 2014	1.1		11.06	0	1.65	6.1	3.33	0	0.76	0
May 2016	1.17	0.22	9.68	0	2.12	8.15	3.33	0	0.85	0
<i>Net Difference</i>	+0.07		-1.38	0	+0.47	+2.05	0	0	+0.09	0
<b>Reroute Location 55</b>										
December 2014	0.2		0	0	0	3.83	0	0	0	0
May 2016	0.25	0.12	0	0	0	3.63	0	0	0	0
<i>Net Difference</i>	+0.05		0	0	0	-0.2	0	0	0	0
<b>Reroute Location 56</b>										
December 2014	1.16		12.33	0	3.1	6.2	3.82	0	0	0
May 2016	1.3	0.9	9.05	0	2.58	5.11	4.34	0	0	0
<i>Net Difference</i>	+0.14		-3.28	0	-0.52	-1.09	+0.52	0	0	0
<b>Reroute Location 57</b>										
December 2014	0.77		0	1.27	0	12.05	0	0	0.1	0
May 2016	0.86	0.57	0	0.66	0	15.15	0	0	0	0
<i>Net Difference</i>	+0.09		0	+0.61	0	+3.1	0	0	-0.1	0

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			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 58</b>										
December 2014	1.14		0	0.81	1.21	18.1	1.69	0	0	3
May 2016	1.2	0.31	0	0.81	1.23	18.51	1.15	0	0	3
<i>Net Difference</i>	+0.06		0	0	+0.02	+0.41	-0.54	0	0	0
<b>Reroute Location 59</b>										
December 2014	0.36		0	0	0	4.37	2.12	0	0.22	0
May 2016	0.38	0.13	0	0	0	3.91	3.02	0	0.11	0
<i>Net Difference</i>	+0.02		0	0	0	-0.46	+0.9	0	-0.11	0
<b>Reroute Location 60</b>										
December 2014	1.26		0	0	0	25.26	0	0	0.29	2
May 2016	1.36	0.48	0	0.43	0	22.89	0	0	0.15	2
<i>Net Difference</i>	+0.1		0	+0.43	0	-2.37	0	0	-0.14	0
<b>Reroute Location 61</b>										
December 2014	2.05		11.5	0	1.58	24.48	6.29	0	0.98	3
May 2016	2.02	1.33	9.74	0	2.06	21.89	5.25	0	0.24	1
<i>Net Difference</i>	-0.03		-1.76	0	+0.48	-2.59	-1.04	0	-0.74	+2
<b>Reroute Location 62</b>										
December 2014	0.65		5.61	0	0	7.54	0	0	0.1	0
May 2016	0.66	0.04	5.22	0	0	6.87	0	0	0.09	0
<i>Net Difference</i>	+0.01		-0.39	0	0	-0.67	0	0	-0.01	0
<b>Reroute Location 63</b>										
December 2014	1.5		17.41	0	1.44	10.77	0	0	0.01	0
May 2016	1.85	1.26	3.84	0	1.26	29	0	0	0	0
<i>Net Difference</i>	+0.35		-13.57	0	-0.18	+18.23	0	0	-0.01	0
<b>Reroute Location 64</b>										
December 2014	1.71		0.34	0	0.42	29.26	6.28	0	0.04	0
May 2016	1.67	0.86	0	0	0.52	29.37	1.12	0	0.06	0
<i>Net Difference</i>	-0.04		-0.34	0	+0.1	+0.11	-5.16	0	+0.02	0
<b>Reroute Location 65</b>										
December 2014	0.44		0	0	0	8.27	0	0	0	1
May 2016	0.46	0.24	0	0	0	8.51	0	0	0	1
<i>Net Difference</i>	+0.02		0	0	0	+0.24	0	0	0	0

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			Cultivated Crops	Forest	Developed, Open Space	Grasslands/ Herbaceous	Pasture/ Hay	Shrub/ Scrub		
<b>Reroute Location 66</b>										
December 2014	0.73		0.02	0	0.36	13.82	0.01	0	0.1	1
May 2016	0.76	0.29	0.14	0	0.39	13.63	0.01	0	0	1
<i>Net Difference</i>	+0.03		+0.12	0	+0.03	-0.19	0	0	-0.1	0
<b>Reroute Location 67</b>										
December 2014	1.05		9.46	0	0.46	10.19	0	0	0.02	1
May 2016	1.07	0.07	9.88	0	0.47	10.13	0	0	0	1
<i>Net Difference</i>	+0.02		+0.42	0	+0.01	-0.06	0	0	-0.02	0
<b>Reroute Location 68</b>										
December 2014	0.31		5.5	0	0.03	1.85	0	0	0	0
May 2016	0.23	0.08	4.58	0	0.32	0.07	0	0	0	0
<i>Net Difference</i>	-0.08		-0.92	0	+0.29	-1.78	0	0	0	0
<b>Reroute Location 69</b>										
December 2014	1.2		0.92	0	1.39	20.73	0	0	0.39	2
May 2016	1.18	0	1.73	0	1.23	19.23	0	0	0.51	2
<i>Net Difference</i>	-0.02		+0.81	0	-0.16	-1.5	0	0	+0.12	0
<b>Reroute Location 70</b>										
December 2014	0.40		0.45	0	3.30	3.45	0	0	0.02	1
May 2016	0.46	0.09	2.52	0	2.17	5.76	0	0	0.07	0
<i>Net Difference</i>	+0.06		+2.07	0	-1.13	+2.31	0	0	+0.05	-1
<b>Reroute Location 71</b>										
December 2014	0.33		0.61	0	0.33	5.64	0	0	0	2
May 2016	0.33	0	0.35	0	0.1	4.13	0	0	0	2
<i>Net Difference</i>	0		-0.26	0	-0.23	-1.51	0	0	0	0
<b>Reroute Location 72</b>										
December 2014	1.04		11.87	0	0.47	11.82	0	0	0.75	0
May 2016	1.06	0	9.37	0	0.32	13.11	0	0	0.14	0
<i>Net Difference</i>	+0.02		-2.5	0	-0.15	+1.29	0	0	-0.61	0
<b>Reroute Location 74</b>										
December 2014	0.63		0	0	0.11	12.89	0	0	0	0
May 2016	0.63	0	0	0	0.05	11.49	0	0	0	0
<i>Net Difference</i>	0		0	0	-0.06	-1.4	0	0	0	0

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			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 75</b>										
December 2014	1.03		11.26	0	5.83	3.18	0	0	0.04	0
May 2016	1.01	0	12.99	0	0.68	4.38	0	0	0	0
<i>Net Difference</i>	-0.02		+1.73	0	-5.15	1.2	0	0	-0.04	0
<b>Reroute Location 76</b>										
December 2014	0.26		4.72	0	0	0	0	0	0.07	0
May 2016	0.26	0	4.66	0	0	0	0	0	0.09	0
<i>Net Difference</i>	0		-0.06	0	0	0	0	0	+0.02	0
<b>Reroute Location 77</b>										
December 2014	0.54		2.54	0	2.53	4.88	0	0	0	0
May 2016	0.55	0.18	4.21	0	1.06	5	0	0	0	0
<i>Net Difference</i>	+0.01		+1.67	0	-1.47	+0.12	0	0	0	0
<b>Reroute Location 78</b>										
December 2014	0.43		4.18	0	4.43	0.02	0	0	0.18	0
May 2016	0.41	0	7.15	0	0	0	0	0	0.34	0
<i>Net Difference</i>	-0.02		+2.97	0	-4.43	-0.02	0	0	+0.16	0
<b>Reroute Location 79</b>										
December 2014	0.43		0	0	0	9.07	0	1.39	0	0
May 2016	0.4	0	0	0	0	6.14	0	1.05	0	0
<i>Net Difference</i>	-0.03		0	0	0	-2.93	0	-0.34	0	0
<b>Reroute Location 80</b>										
December 2014	0.26		0	1.66	0.71	1.6	0	0.01	0	2
May 2016	0.26	0	0	1.67	0.39	1.81	0	0.51	0	2
<i>Net Difference</i>	0		0	+0.01	-0.32	+0.21	0	+0.5	0	0
<b>Reroute Location 81</b>										
December 2014	0.26		1.71	0	0.92	4.26	0	0	0	0
May 2016	0.26	0	1.58	0	0.89	3.54	0	0	0	0
<i>Net Difference</i>	0		-0.13	0	-0.03	-0.72	0	0	0	0
<b>Reroute Location 82</b>										
December 2014	0.34		4.47	0	0.8	2.08	0	0.69	0	0
May 2016	0.33	0	4.18	0	0.39	1.35	0	0.08	0	0
<i>Net Difference</i>	-0.01		-0.29	0	-0.41	-0.73	0	-0.61	0	0

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			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 83</b>										
December 2014	0.29		5.24	0	0	0.13	0	0	0.11	0
May 2016	0.29	0	4.4	0	0	0.99	0	0	0	1
<i>Net Difference</i>	0		-0.84	0	0	+0.86	0	0	-0.11	+1
<b>Reroute Location 84</b>										
December 2014	0.31		2.65	0	0	2.46	0	0.54	0	0
May 2016	0.31	0	1.7	0	0	2.19	0	1.63	0	0
<i>Net Difference</i>	0		-0.95	0	0	-0.27	0	+1.09	0	0
<b>Reroute Location 85</b>										
December 2014	0.38		6.58	0	0.35	0.55	0	0.35	0	0
May 2016	0.37	0.06	5.56	0	0.34	0.53	0	0.34	0	0
<i>Net Difference</i>	-0.01		-1.02	0	-0.01	-0.02	0	-0.01	0	0
<b>Reroute Location 86</b>										
December 2014	0.27		0.22	0	0	4.73	0	0	0	0
May 2016	0.27	0	0.22	0	0	5.81	0	0	0	0
<i>Net Difference</i>	0		0	0	0	+1.08	0	0	0	0
<b>Reroute Location 87</b>										
December 2014	0.37		0	0	0	7.89	0	0	0.05	2
May 2016	0.38	0	0	0	0	7.2	0	0	0.03	2
<i>Net Difference</i>	+0.01		0	0	0	-0.69	0	0	-0.02	0
<b>Reroute Location 88</b>										
December 2014	0.6		0	0.4	0.58	11.45	0	0.66	0	0
May 2016	0.58	0	0	0.16	1.34	8.01	0	0.18	0	0
<i>Net Difference</i>	-0.02		0	-0.24	+0.76	-3.44	0	-0.48	0	0
<b>Reroute Location 89</b>										
December 2014	0.22		0	1.92	0	4.3	0	0.66	0	0
May 2016	0.18	0	0	1.09	0	1.25	0	0	0.07	0
<i>Net Difference</i>	-0.04		0	-0.83	0	-3.05	0	-0.66	+0.07	0
<b>Reroute Location 90</b>										
December 2014	0.6		0	0	1.86	0.14	13.03	0	0	0
May 2016	0.63	0.01	0	0	0.87	1.14	10.63	0	0	0
<i>Net Difference</i>	+0.03		0	0	-0.99	+1	-2.4	0	0	0



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**North Dakota PSC**

N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Centerline length within reroute location (miles)	Length of centerline outside original PSC corridor (miles)	Land Cover Type <sup>1</sup> (acres within workspace)						Wetlands <sup>2</sup> (acres within workspace)	Waterbodies <sup>2</sup> (number of features crossed by centerline)
			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 91</b>										
December 2014	0.56		3.73	0	0.76	7.57	0	0	0.07	0
May 2016	0.59	0.39	5.38	0	0.34	6	0	0	0	0
<i>Net Difference</i>	+0.03		+1.65	0	-0.42	-1.57	0	0	-0.07	0
<b>Reroute Location 92</b>										
December 2014	0.18		0.02	0	0	3.26	0	0	0	0
May 2016	0.19	0	0.02	0	0	3.5	0	0	0	0
<i>Net Difference</i>	+0.01		0	0	0	+0.24	0	0	0	0
<b>Reroute Location 93</b>										
December 2014	0.11		3.46	0	0	0.35	0	0	0	0
May 2016	0.11	0	2.64	0	0	0.35	0	0	0	0
<i>Net Difference</i>	0		-0.82	0	0	0	0	0	0	0
<b>Reroute Location 94</b>										
December 2014	0.95		0	0	0	18.49	2.07	0	0	0
May 2016	0.96	0	0	0	0	16.76	1.94	0	0	1
<i>Net Difference</i>	+0.01		0	0	0	-1.73	-0.13	0	0	+1
<b>Reroute Location 95</b>										
December 2014	0.2		0	0	0	3.68	0	0	0	0
May 2016	0.21	0.49	0	0	0	3.94	0	0	0	0
<i>Net Difference</i>	+0.01		0	0	0	+0.26	0	0	0	0
<b>Reroute Location 96</b>										
December 2014	0.69		4.95	0	0	7.88	0.01	0	0	0
May 2016	0.69	0	11.5	0	0	3.24	0	0	0	0
<i>Net Difference</i>	0		+6.55	0	0	-4.64	-0.01	0	0	0
<b>Reroute Location 97</b>										
December 2014	0.46		2.1	0	0.58	7.22	0	0	0	1
May 2016	0.45	0	1.78	0	0.39	7.14	0	0	0.02	1
<i>Net Difference</i>	-0.01		-0.32	0	-0.19	-0.08	0	0	+0.02	0
<b>Reroute Location 98</b>										
December 2014	0.14		0	0	0.21	0.73	1.92	0	0.02	0
May 2016	0.13	0	0	0	0.18	0.99	1.5	0	0	0
<i>Net Difference</i>	-0.01		0	0	-0.03	+0.26	-0.42	0	-0.02	0

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			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 99</b>										
December 2014	0.46		4.59	0	1.21	4.05	0	0	0	1
May 2016	0.44	0	3.21	0	1.29	3.39	0	0	0	1
<i>Net Difference</i>	-0.02		-1.38	0	+0.08	-0.66	0	0	0	0
<b>Reroute Location 100</b>										
December 2014	0.57		0	0	0.87	7.16	3.32	0	0.19	0
May 2016	0.61	0	0	0	0.68	6.17	3.48	0	0.25	0
<i>Net Difference</i>	+0.04		0	0	-0.19	-0.99	+0.16	0	+0.06	0
<b>Reroute Location 101</b>										
December 2014	0.43		0.2	0	0.34	2.63	6.33	0	0	0
May 2016	0.43	0	0.15	0	0.48	2.45	4.93	0	0.08	1
<i>Net Difference</i>	0		-0.05	0	+0.14	-0.18	-1.4	0	+0.08	+1
<b>Reroute Location 102</b>										
December 2014	0.41		0.09	0	0.58	7.54	0	0	0.17	0
May 2016	0.39	0	0.01	0	0.34	6.83	0	0	0.14	0
<i>Net Difference</i>	-0.02		-0.08	0	-0.24	-0.71	0	0	-0.03	0
<b>Reroute Location 103</b>										
December 2014	0.3		3.92	0	0	3.12	0	0	0	0
May 2016	0.3	0	3.74	0	0	2.84	0	0	0	0
<i>Net Difference</i>	0		-0.18	0	0	-0.28	0	0	0	0
<b>Reroute Location 104</b>										
December 2014	0.4		4.69	0	0	3.84	0	0	0	1
May 2016	0.39	0	3.14	0	0	3.97	0	0	0	5
<i>Net Difference</i>	-0.01		-1.55	0	0	+0.13	0	0	0	+4
<b>Reroute Location 105</b>										
December 2014	0.19		2.53	0	0.79	2.66	0	0	0.26	0
May 2016	0.19	0	2.53	0	0.81	2.67	0	0	0.3	0
<i>Net Difference</i>	0		0	0	+0.02	+0.01	0	0	+0.04	0
<b>Reroute Location 106</b>										
December 2014	0.77		13.81	0	0.51	0.38	0	0	0	1
May 2016	0.76	0	12.27	0	0.42	0.69	0	0	0	1
<i>Net Difference</i>	-0.01		-1.54	0	-0.09	+0.31	0	0	0	0

**Dakota Access Environmental Crossing Analysis for Reroute Locations**

**North Dakota PSC**

**N.D.C.C. § 49-22-16.3 Reroutes**

Filed Route	Centerline length within reroute location (miles)	Length of centerline outside original PSC corridor (miles)	Land Cover Type <sup>1</sup> (acres within workspace)						Wetlands <sup>2</sup> (acres within workspace)	Waterbodies <sup>2</sup> (number of features crossed by centerline)
			Cultivated Crops	Forest	Developed, Open Space	Grasslands/Herbaceous	Pasture/Hay	Shrub/Scrub		
<b>Reroute Location 107</b>										
December 2014	0.53		0	0	0.4	11.44	0	0	0	0
May 2016	0.51		0	0	0.71	10.12	0	0	0	0
<i>Net Difference</i>	-0.02		0	0	+0.31	-1.32	0	0	0	0
<b>Reroute Location 108</b>										
December 2014	0.77		5.57	0	1.02	8.19	0	0	0.08	0
May 2016	0.76		5.12	0	1.07	7.82	0	0	0.04	0
<i>Net Difference</i>	-0.01		-0.45	0	+0.05	-0.37	0	0	-0.04	0
<b>Reroute Location 109</b>										
December 2014	0.29		3.47	0	0.59	2	0	0	0	0
May 2016	0.28		2.93	0	0.77	1.68	0	0	0	0
<i>Net Difference</i>	-0.01		-0.54	0	+0.18	-0.32	0	0	0	0
<b>Reroute Location 110</b>										
December 2014	0.3		0.98	0	0.48	3.93	0	0	0.46	0
May 2016	0.29		1.24	0	0.48	3.19	0	0	0.58	0
<i>Net Difference</i>	-0.01		+0.26	0	0	-0.74	0	0	+0.12	0
<b>Reroute Location 111</b>										
December 2014	0.55		0	0	0	10.29	0	0	0	0
May 2016	0.54		0	0	0	9.71	0	0	0	0
<i>Net Difference</i>	-0.01		0	0	0	-0.58	0	0	0	0
<b>Reroute Location 112</b>										
December 2014	0.57		0	0	0.49	12.39	0	0	0.07	1
May 2016	0.56		0	0	0.43	10.22	0	0	0.09	1
<i>Net Difference</i>	-0.01		0	0	-0.06	-2.17	0	0	+0.02	0
<b>Reroute Location 113</b>										
December 2014	0.23		0	0	0	2.75	0	0	0	1
May 2016	0.25		0	0	0	3.79	0	0	0	1
<i>Net Difference</i>	+0.02		0	0	0	+1.04	0	0	0	0
<b>Reroute Location 114</b>										
December 2014	0.16		0	0.03	0	3.64	0	0	0	0
May 2016	0.16		0	0.04	0	3.65	0	0	0	0
<i>Net Difference</i>	0		0	+0.01	0	+0.01	0	0	0	0

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**N.D.C.C. § 49-22-16.3 Reroutes**

Filed Route	Centerline length within reroute location (miles)	Length of centerline outside original PSC corridor (miles)	Land Cover Type <sup>1</sup> (acres within workspace)						Wetlands <sup>2</sup> (acres within workspace)	Waterbodies <sup>2</sup> (number of features crossed by centerline)
			Cultivated Crops	Forest	Developed, Open Space	Grasslands/ Herbaceous	Pasture/ Hay	Shrub/ Scrub		
<b>Reroute Location 115</b>										
December 2014	0.42		6.89	0	0	0.72	0	0	0	0
May 2016	0.42	0	6.6	0	0	0.44	0	0	0	0
<i>Net Difference</i>	0		-0.29	0	0	-0.28	0	0	0	0
<b>Reroute Location 116</b>										
December 2014	0.48		0	0	0	10.68	0	0	0	0
May 2016	0.49	0	0.62	0	0	9.41	0	0	0	0
<i>Net Difference</i>	+0.01		+0.62	0	0	-1.27	0	0	0	0
<b>Reroute Location 117</b>										
December 2014	0.22		3.7	0	0.4	0.48	0	0	0	1
May 2016	0.23	0	4.42	0	0.47	0.05	0	0	0	1
<i>Net Difference</i>	+0.01		+0.72	0	+0.07	-0.43	0	0	0	0
<b>Reroute Location 118</b>										
December 2014	0.33		0	0	0	6.96	0	0	0.05	0
May 2016	0.35	0	0	0	0	6.16	0	0	0.04	0
<i>Net Difference</i>	+0.02		0	0	0	-0.8	0	0	-0.01	0
<b>Reroute Location 119</b>										
December 2014	0.28		0	0	0.94	7.95	0	0	0	0
May 2016	0.29	0	0	0	0.93	5.05	0	0	0	0
<i>Net Difference</i>	0		0	0	-0.01	-2.9	0	0	0	0
<b>Reroute Location 120</b>										
December 2014	0.98		0	0	0	19.65	0	0	0	1
May 2016	0.98	0	0	0	0	34.97	0	0	0	1
<i>Net Difference</i>	0		0	0	0	+15.32	0	0	0	0
<b>Reroute Location 121</b>										
December 2014	0.38		0	0	0.99	7.41	0	0	0	1
May 2016	0.38	0	0	0	1.5	9.34	0	0	0	1
<i>Net Difference</i>	0		0	0	+0.51	+1.93	0	0	0	0
<b>Reroute Location 122</b>										
December 2014	0.74		2.3	0	0.39	11.57	0	0	0	0
May 2016	0.73	0	2.26	0	0.44	11.53	0	0	0	0
<i>Net Difference</i>	-0.01		-0.04	0	+0.05	-0.04	0	0	0	0

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			Cultivated Crops	Forest	Developed, Open Space	Grasslands/ Herbaceous	Pasture/ Hay	Shrub/ Scrub		
<b>Reroute Location 123</b>										
December 2014	0.35		2.57	0	0.25	0.37	3.12	0	1.27	1
May 2016	0.34	0	2.02	0	0.39	0.71	2.38	0	0.83	1
<i>Net Difference</i>	-0.01		-0.55	0	+0.14	+0.34	-0.74	0	-0.44	0
<b>Reroute Location 124</b>										
December 2014	0.51		0	0	0.8	9.98	0	0	0	1
May 2016	0.49	0	0	0	1.07	8.87	0	0	0	1
<i>Net Difference</i>	-0.02		0	0	+0.27	-1.11	0	0	0	0
<b>Reroute Location 125</b>										
December 2014	0.21		0	0	0.46	3.65	0	0	0.02	1
May 2016	0.23	0	0	0	0.93	3.04	0	0	0	1
<i>Net Difference</i>	+0.02		0	0	+0.47	-0.61	0	0	-0.02	0
<b>Reroute Location 126</b>										
December 2014	0.41		5.24	0	0	2.27	0	0	0	0
May 2016	0.45	0.18	6.15	0	0	3.91	0	0	0	0
<i>Net Difference</i>	+0.04		+0.91	0	0	+1.64	0	0	0	0
<b>Reroute Location 127</b>										
December 2014	0.59		0	0	2.39	2.89	10.09	0	0	0
May 2016	0.6	0.39	0	0	0.57	1.54	8.86	0	0	0
<i>Net Difference</i>	+0.01		0	0	-1.82	-1.35	-1.23	0	0	0
<b>Reroute Location 129</b>										
December 2014	1.4		4.56	0	0.8	2.03	0	0	0	0
May 2016	1.39	0	3.55	0	0.34	2.12	0	0	0	0
<i>Net Difference</i>	-0.01		-1.01	0	-0.46	+0.09	0	0	0	0
<b>Reroute Location 130</b>										
December 2014	1.01		0	2.25	1.65	26.2	0	0.73	0.39	0
May 2016	1.01	0.03	0.71	0.31	0.12	15.32	0	0.96	0.04	0
<i>Net Difference</i>	0		+0.71	-1.94	-1.53	-10.88	0	+0.23	-0.35	0

**Dakota Access Environmental Crossing Analysis for Reroute Locations**  
**North Dakota PSC**

**N.D.C.C. § 49-22-16.3 Reroutes**

Filed Route	Centerline length within reroute location (miles)	Length of centerline outside original PSC corridor (miles)	Land Cover Type <sup>1</sup> (acres within workspace)						Wetlands <sup>2</sup> (acres within workspace)	Waterbodies <sup>2</sup> (number of features crossed by centerline)
			Cultivated Crops	Forest	Developed, Open Space	Grasslands/ Herbaceous	Pasture/ Hay	Shrub/ Scrub		
<b>Reroute Location 131</b>										
<b>September 2015*</b>	1.18		0	0	0.05	19.42	0	1.8	0	0
<b>May 2016</b>	1.03	0.51	0	0	0.05	18.36	0	1.19	0	0
<i>Net Difference</i>	-0.15		0	0	0	-1.06	0	-0.61	0	0
<b>TOTAL NET DIFFERENCE</b>	<b>+0.38</b>	<b>--</b>	<b>-52.09</b>	<b>+3.5</b>	<b>-15.94</b>	<b>-29.07</b>	<b>-13.53</b>	<b>-7.39</b>	<b>-7.53</b>	<b>+9</b>

<sup>1</sup> Based on the U.S. Geological Survey National Land Cover Database

<sup>2</sup> Based on field delineations

\*Reroute area was previously submitted to the PSC for approval on 9/11/15